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Attorney Docket No. 9180-10

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Glenn A. Rinne et al;

Serial No.: 10/017,350

Filed: December 14, 2001

Group Art Unit: 1725

Examiner: Len Tran

**For: LOW TEMPERATURE METHODS OF BONDING COMPONENTS AND  
RELATED STRUCTURES**

Date: April 10, 2003

Commissioner for Patents  
Washington, DC 20231**RESPONSE TO RESTRICTION REQUIREMENT**

Sir:

This response is submitted in reply to the Official Action dated March 10, 2003 ("the Action"). In the Action, the Examiner required a restriction for:

- Group I. Claims 1-33, drawn to method, classified in class 427; and  
Group II. Claims 34-67, drawn to an apparatus, classified in class 428.

Applicants hereby elect, without traverse, Claims 1-33 of Group I drawn to methods.

In the Official Action, the Examiner has also required an election of one of the following species:

- Ia. Claims 1-2 drawn to bonding two components.
- Ib. Claims 1 and 3 drawn to electroplating.
- Ic. Claims 1 and 4 drawn to electroless plating.
- Id. Claims 1 and 5 drawn to dielectric particles.
- Ie. Claims 1, 6-17 drawn to diffusion bonding of particles.
- If. Claims 1, 6, 18, 29-33 drawn to vibration.
- Ig. Claims 1, 6, 19, drawn to electrical current.
- Ih. Claims 1, 6, 20 drawn to foam of particles.
- Ii. Claims 1, 6, 21, 22 drawn to liquid species.
- Ij. Claims 1, 6, 23-25 drawn to corroding.
- Ik. Claims 1, 6, 26 drawn to applying pressure.
- Il. Claims 1, 6, 27 drawn to plating.
- Im. Claims 1, 6, 28 drawn to providing a solution.

Applicants hereby elect species Ie including Claims 1 and 6-17 drawn to diffusion bonding of particles. Applicants agree that Claim 1 is generic to all species. Applicants further submit that Claim 6 is generic to species Ie, If, Ig, Ih, Ii, Ij, Ik, Il, and Im. In addition, Applicants submit